

(AL)

AN: PAT 1996-079517
TI: Optimal matching of hearing aid to patient's hearing
deficiency employs thematic sub gps. of everyday sound patterns
represented by signal characteristics corresp. to statistical
average for each gp.
PN: EP695107-A1
PD: 31.01.1996
AB: The parameters of the hearing aid are adjusted in
accordance with the signal characteristics of natural sound
patterns corresp. to pref. hearing situations and with
audiological data related to the impaired hearing. The pref.
frequency-dependent amplification is determined by reference to
a formula involving the hearing loss at each frequency, raised
to a power and multiplied by a coefft. which are obtd. by
regression analysis from the results of a series of tests.; A
more acceptable aid improves the acoustic perception of speech
signals in a natural speech environment and of everyday
environmental sounds in situation relevant to patients.
PA: (HOER-) HOERGERAETE GEERS GMBH & CO KG;
IN: GEERS W;
FA: EP695107-A1 31.01.1996; DE4427044-A1 01.02.1996;
CO: AT; BE; CH; DE; DK; EP; ES; FR; GB; IT; LI; NL; PT; SE;
DR: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; NL; PT; SE;
IC: A61B-005/12; H04R-025/00;
MC: S05-D01D; W04-Y03A; W04-Y20;
DC: S05; W04;
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